Scanned Patents

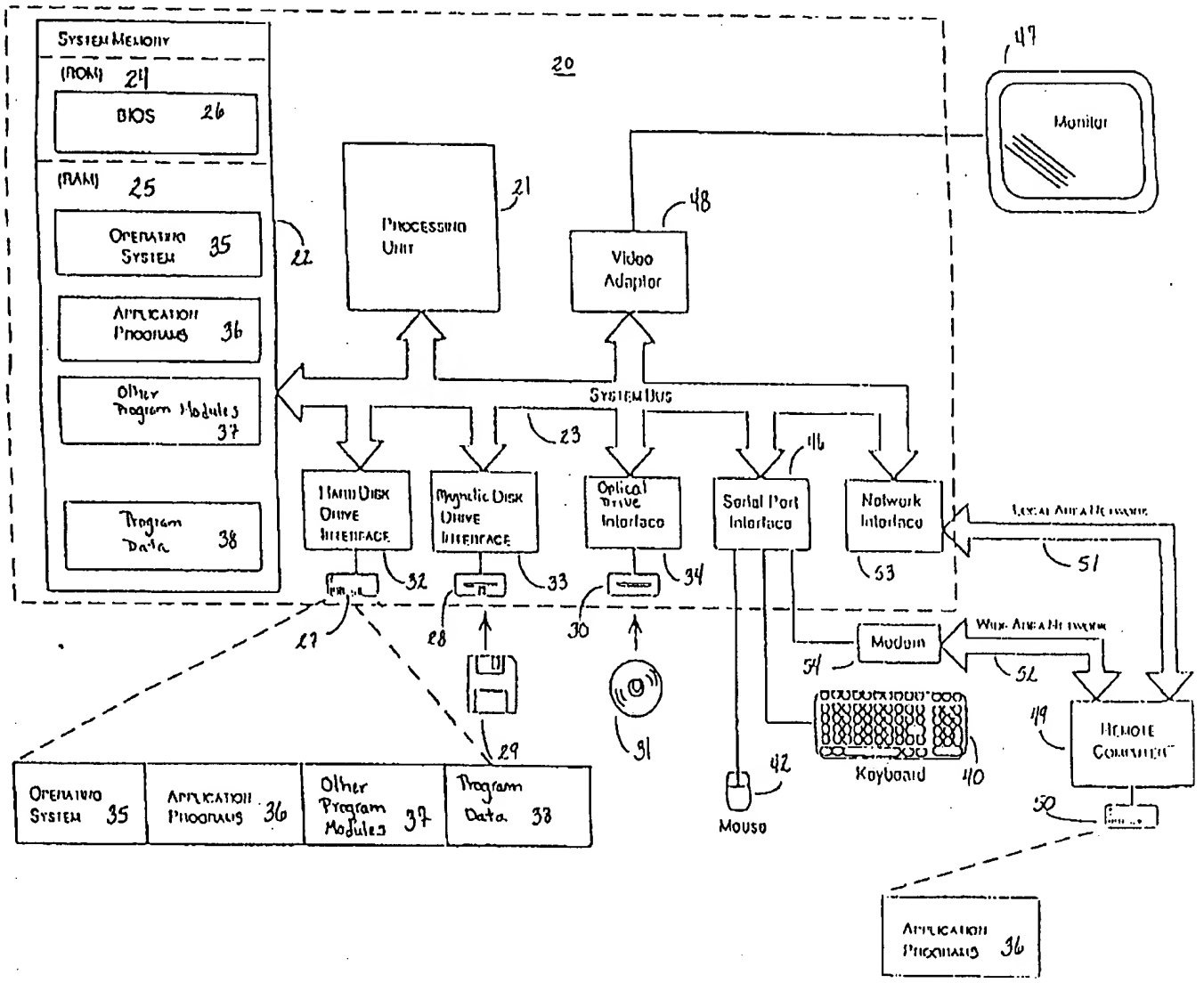

FIG. 1

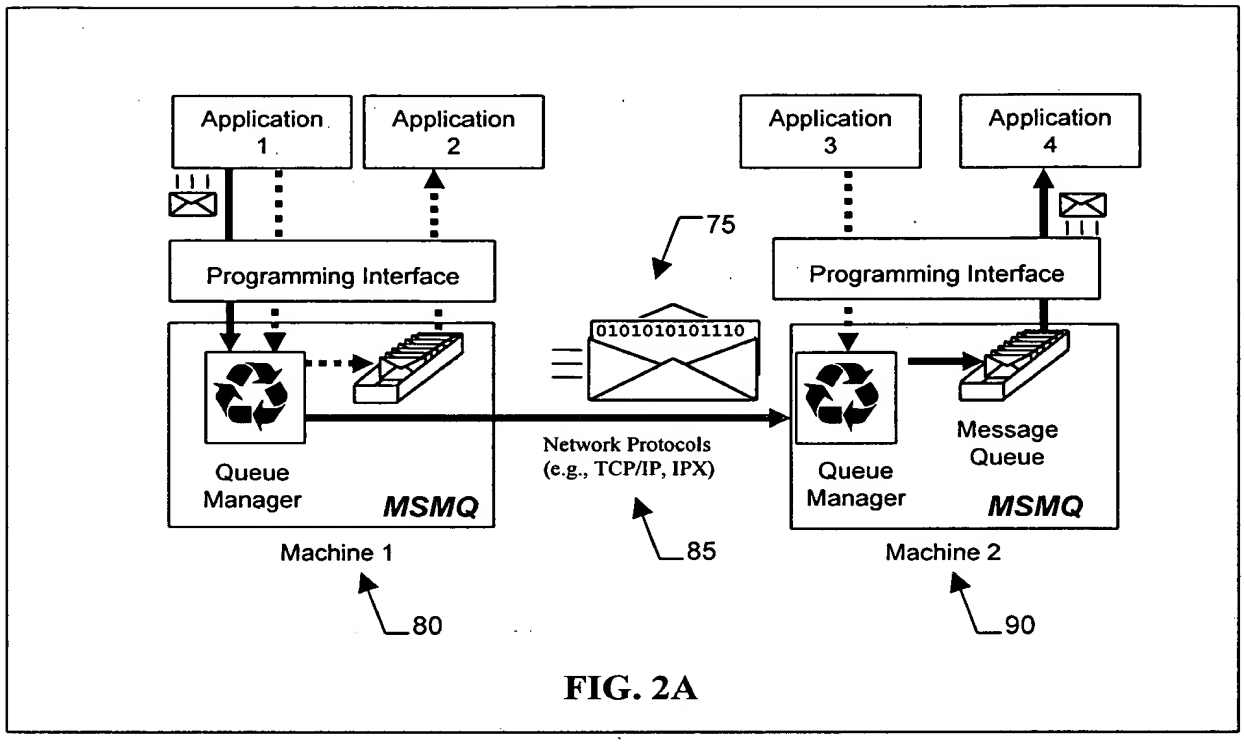
Application 1
Application 2
Application 3
Application 4
Programming Interface
Programming Interface
75
01010101011110
Queue Manager
MSMQ
Network Protocols (e.g., TCP/IP, IPX)
Queue Manager
Message Queue
MSMQ
Machine 1
85
Machine 2
80
90

FIG. 2A

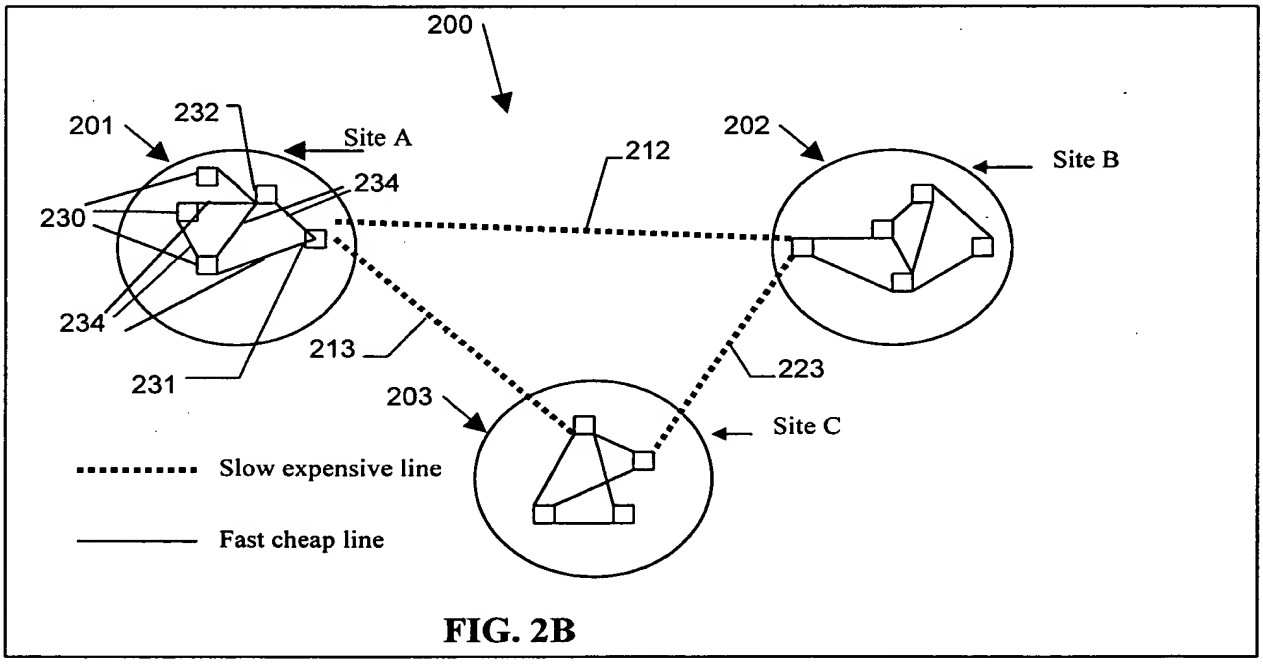
200
201
232
Site A
212
202
Site B
234
230
234
213
223
231
203
Site C
Slow expensive line
Fast cheap line

FIG. 2B

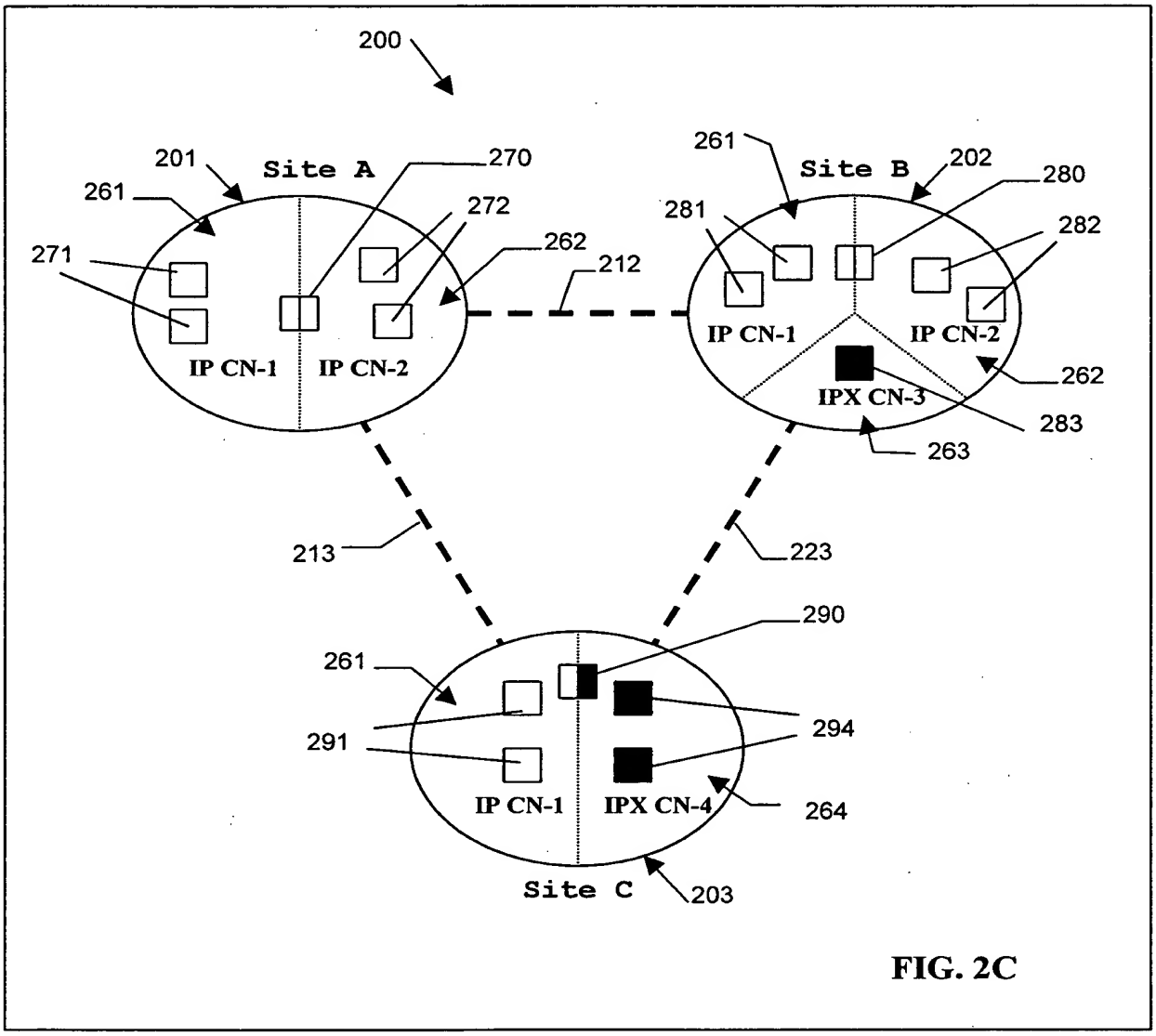
200
201
Site A
270
261
272
271
262
212
IP CN-1
IP CN-2
261
Site B
202
280
281
282
IP CN-1
IP CN-2
262
IPX CN-3
283
263
213
223
290
261
294
291
IP CN-1
IPX CN-4
264
Site C
203

FIG. 2C

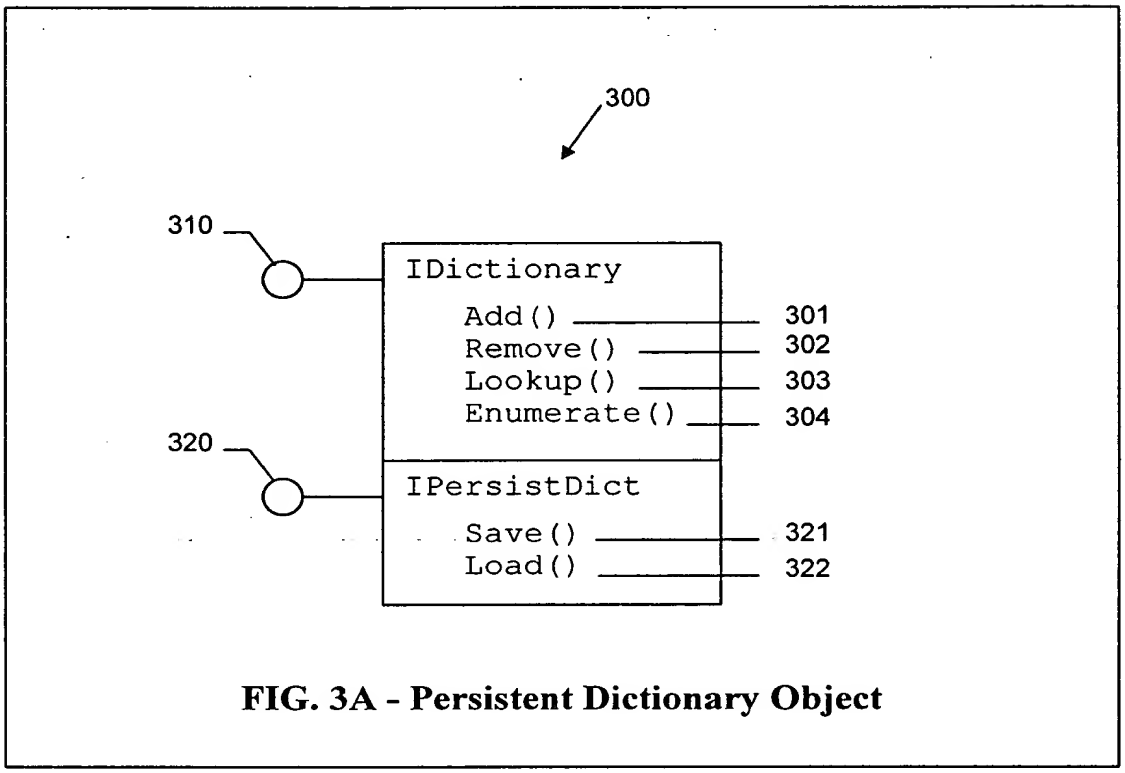

FIG. 3A - Persistent Dictionary Object

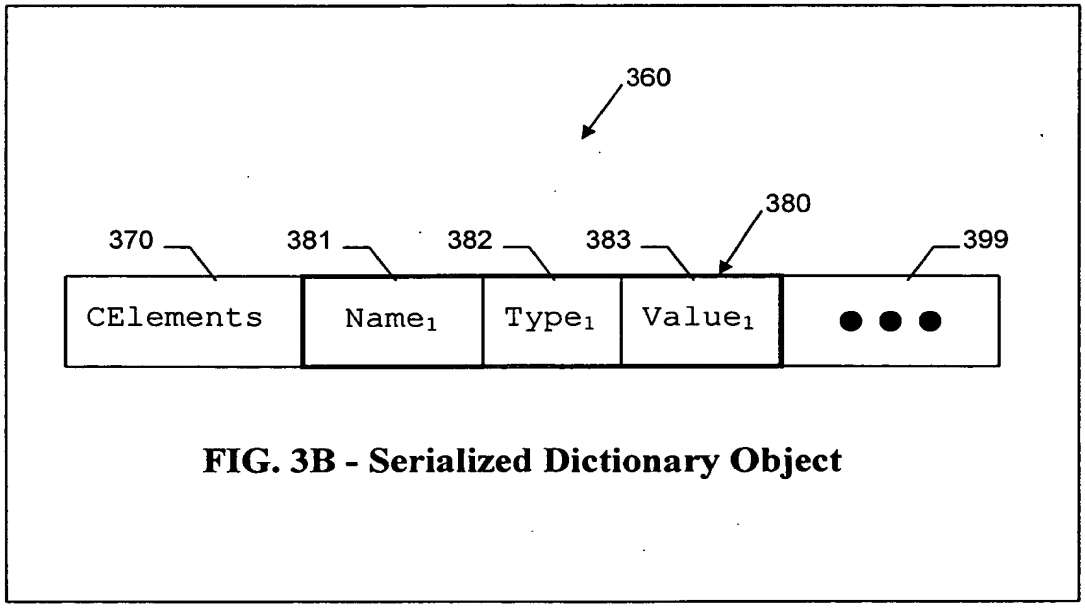

FIG. 3B - Serialized Dictionary Object

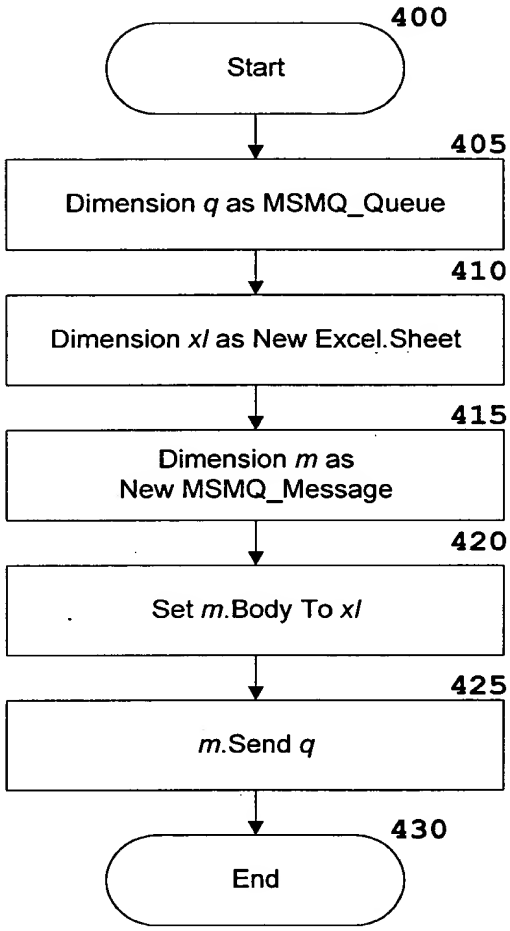

FIG. 4A - Sending Application

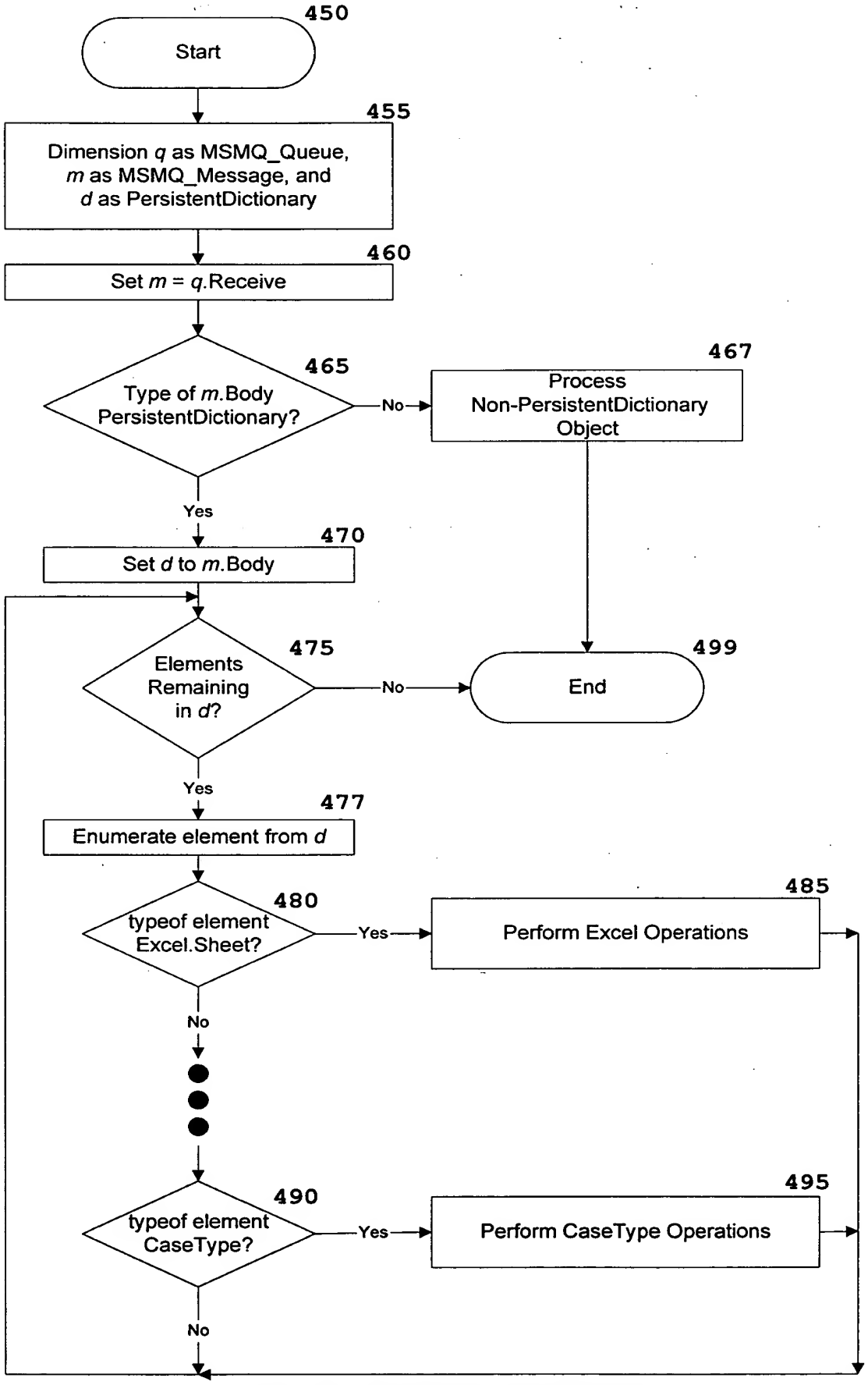

FIG. 4B - Receiving Application

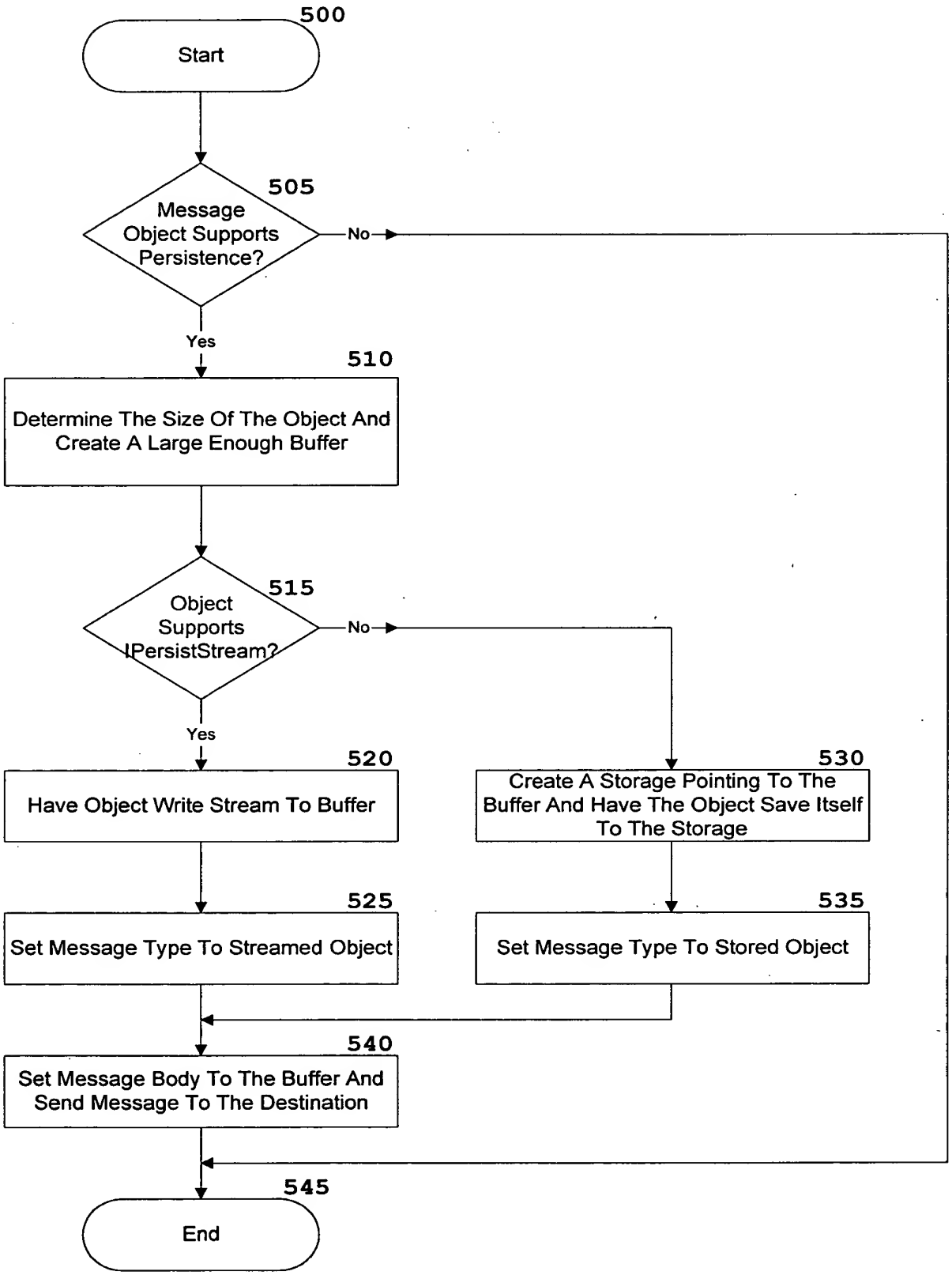

FIG. 5A - MSMQ Sending a Message Object

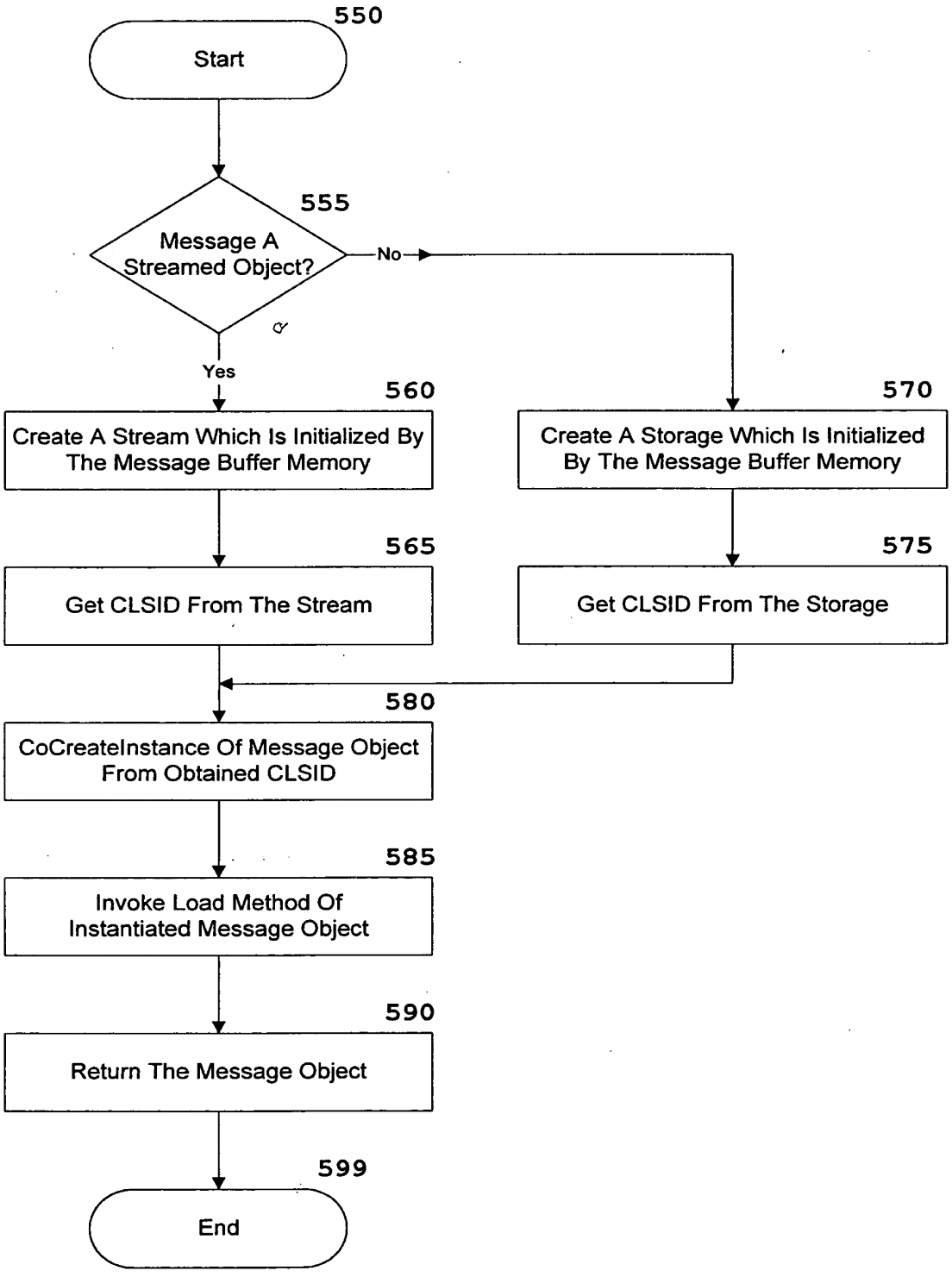

FIG. 5B - MSMQ Receiving a Message Object